

**CRYSTALLIZATION AND STRUCTURE DETERMINATION OF  
STAPHYLOCOCCUS AUREUS NAD SYNTHETASE**

**ABSTRACT OF THE DISCLOSURE**

An unliganded form of *Staphylococcus aureus* NAD synthetase (*S. aureus* NadE) has been crystallized, and the three-dimensional x-ray crystal structure has been solved to 2.3Å resolution. The x-ray crystal structure is useful for solving the structure of other molecules or molecular complexes, and designing inhibitors of *S. aureus* NadE activity.

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